

Paraffin Oil Filter Test Equipment (Model : Paraffin Oil Rig)

Description:

The equipment essentially comprises a paraffin oil generator, light scattering photometer, flowmeters, sample holding device and connecting arrangements. It is supplied as generally described in EN149, filtering facepieces and similar standards.

The sample mask is secured in a fixture, which in turn is positioned in the filter holder located in the aerosol path. The aerosol flow rate is normally 95 l/min.



Services required:

Bench mounted. 230 or 115 vac, 50 / 60Hz mains electricity. Please specify.

Instrument quality compressed air supply.

Paraffin oil as specified in the standard.

Approximate packed size & weight: 150 x 100 x 70 cm : 100 kg

Relevant standards: ENs 149 / 141 etc

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Specifications

Paraffin Oil Generator

- The factory setting of the generator and its aerosol corresponds to the filter test standard of paraffin oil mist 0.4 micron or equivalent
- This generator is a pressurised container that atomises the paraffin oil

Light Scattering Photometer and Flowmeters

- This is a device that analyses the light passing through the aerosol.
- It is electrically powered and has a display
- Flowmeters are analogue glass tube flowmeters

Sample Holding Device

- This device is a gas tight aluminium chamber and all pipework connections are per the standards that are being used to test.



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